

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20060201354".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 15:48
S2	11	Suda-Mitsunobu.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 15:50
S3	508	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 14:16
S4	0	jp-200130597-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 15:28
S5	2	jp-2001030597-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/11 15:28
S6	837	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 15:43
S7	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 15:43
S8	27	(S6 S7) and S3	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 15:43
S9	11	("4013005"   "4119030"   "4323010"   "4357868"   "4387644"   "4611537"   "4679500"   "4744295"   "4843960"   "6024225").PN. OR ("6216588").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:14
S10	17	("0669137"   "1401436"   "1408389"   "3359897"   "3744411"   "3783786"   "4090442"   "4290358"   "4337698"   "4561353"   "4823696").PN. OR ("5992312").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:20
S11	34	("0640562"   "0777836"   "1134950"   "1172237"   "1226648"   "1371232"   "1723267"   "2096340"   "3241482"   "3380378").PN. OR ("3783786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:23

S12	8	("1408389").URPN.	USPAT	OR	ON	2008/08/11 16:26
S13	12	("2428378"   "3342128"   "3380378"   "3796152"   "3814012"   "4038918"   "4492162"   "4561353"   "4858526").PN. OR ("5890427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:27
S14	10	("2075169"   "4064802"   "4149459"   "4492162"   "4561353"   "4697513").PN. OR ("4858526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:35
S15	27	("0435159"   "1247014"   "2088009"   "2966116"   "3661078"   "3719140").PN. OR ("4492162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/11 16:39
S16	11	("2096340").URPN.	USPAT	OR	ON	2008/08/12 09:59
S17	9	("2088009").URPN.	USPAT	OR	ON	2008/08/12 10:01
S18	15	("0988242"   "1401436"   "1687951"   "2088009"   "2273816").PN. OR ("4697513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 10:02
S19	7	("1093485").URPN.	USPAT	OR	ON	2008/08/12 10:09
S20	5	("449831").URPN.	USPAT	OR	ON	2008/08/12 10:27
S21	2	("5799576"   "5939734"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:00
S22	12	("2428378"   "3342128"   "3380378"   "3796152"   "3814012"   "4038918"   "4492162"   "4561353"   "4858526").PN. OR ("5890427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:15
S23	7	("3504622"   "3796152"   "4170938"   "4561353"   "4858526").PN. OR ("4970952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:20
S24	1008	spring with ground with flat	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:22
S25	97	spring with ground with flat with (plane planar)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:23
S26	512	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:36
S27	839	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:36
S28	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:36

S29	1941	S27 S28 S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:36
S30	6	S29 and @pd>="20080812"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:36
S31	26	(US-20060201354-\$ or US-20070169644-\$ or US-20070181014-\$).did. or (US-6805047-\$ or US-6216588-\$ or US-5992312-\$ or US-3783786-\$ or US-5950535-\$ or US-5718169-\$ or US-4149459-\$ or US-5890427-\$ or US-4858526-\$ or US-4970952-\$ or US-4492162-\$ or US-4064802-\$ or US-5819650-\$ or US-4706564-\$ or US-4697513-\$ or US-5799576-\$).did. or (US-1408389-\$ or US-0435159-\$ or US-2088009-\$ or US-1093485-\$ or US-0977293-\$ or US-0449831-\$).did. or (JP-2001030597-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/02/05 15:40
S32	11	Suda-Mitsunobu.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:09
S33	0	gb-241532-\$ .did.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/08 22:12
S34	2	gb-2064435-\$ .did.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/08 22:13
S35	514	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:26
S36	840	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:26
S37	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:26
S38	1944	S36 S37 S35	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:26
S39	827	S36 not S35	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:58
S40	603	S37 not (S36 S35)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:58
S41	261	101/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:58
S42	250	S41 not (S37 S36 S35)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 09:59

S43	514	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:11
S44	840	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S45	840	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S46	261	101/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S47	827	S44 not S43	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S48	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S49	603	S48 not (S44 S43)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S50	250	S46 not (S48 S44 S43)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/09 11:12
S51	514	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S52	840	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S53	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S54	827	S52 not S51	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S55	603	S53 not (S52 S51)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S56	261	101/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S57	250	S56 not (S53 S52 S51)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 08:22
S58	75	shachihata.as.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 09:36
S59	17	("7024994"   "D145514"   "D214534"   "D231028"   "D236752"   "D280643"   "D280644"   "D378597"   "D399245"   "D422017"   "D441009"   "D506775"   "D507593").PN. OR ("D595340").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 09:36
S60	29	("0628766"   "0745244"   "0749655"   "1093485"   "1275813"   "1377786"   "3442209"   "3478682"   "3631799").PN. OR ("4054093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 10:07

S61	7	("3504622"   "3796152"   "4170938"   "4561353"   "4858526").PN. OR ("4970952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 12:33
S62	62	("0447912"   "0449831"   "0507067"   "0660512"   "0798572"   "0828478"   "0940186"   "1067448"   "1131959"   "1143445"   "1247014"   "1551421"   "1928928"   "3164086"   "3380378"   "3482512").PN. OR ("3796152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/13 14:05
S63	9	("2088009").URPN.	USPAT	OR	ON	2009/07/13 15:58
S64	2	("2070512").URPN.	USPAT	OR	ON	2009/07/13 16:16
S65	0	("185862").URPN.	USPAT	OR	ON	2009/07/13 16:31
S66	27	ota-tsuyotoshi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 09:15
S67	11	Suda-Mitsunobu.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:16
S68	60	Suda-Mitsunobu.in.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/05 09:16
S69	512	101/327.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48
S70	840	101/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48
S71	643	101/109.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48
S72	260	101/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48
S73	2190	S72 S71 S70 S69	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48
S74	2	S73 and @pd>="20090713"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 09:48

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